

**ABSTRACT**

- 5 A polymeric antimicrobial comprising a derivative of poly(2-propenal, 2-propenoic acid) formed by reaction between a poly(2-propenal, 2-propenoic acid) and an alcohol or phenol to form protected carbonyl groups. The invention also relates to antiseptic compositions and compositions for treating gastrointestinal disease containing the polymeric antimicrobial.

